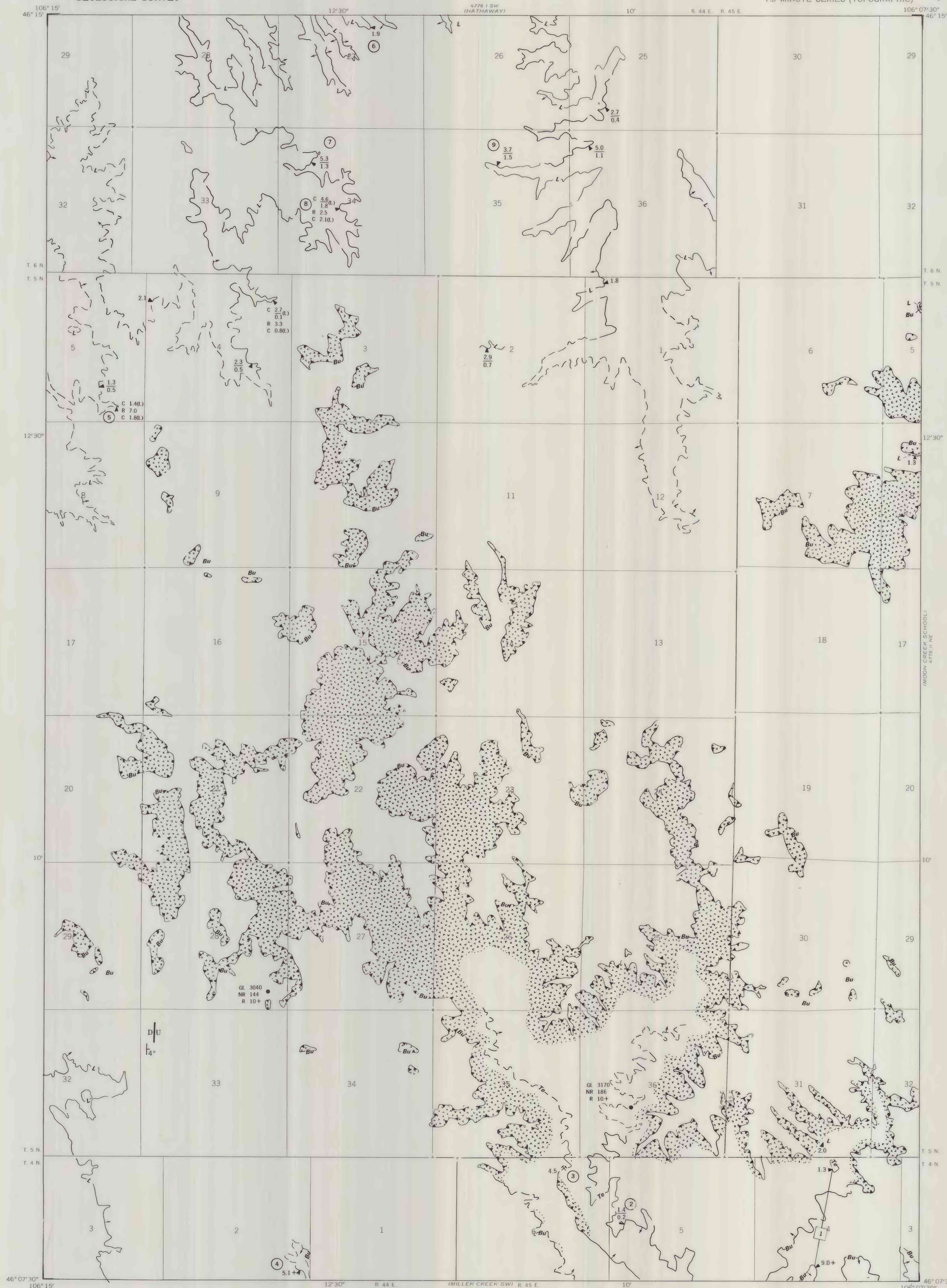
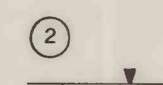


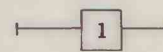
OPEN-FILE REPORT  
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.



EXPLANATION



INDEX NUMBER OF MEASURED SECTION SHOWN ON  
PLATE 3 OF CRO MAP—Coal section measured at point  
of triangle.



LINE OF COMPOSITE SECTION—Showing index number  
of section shown on Plate 3 of CRO map. Composite  
section is based on nearby coal bed thickness  
measurements.

GL 3170  
NR 186  
R 10+

OIL AND GAS TEST HOLE—Showing drill-hole data, in feet.

GL—Ground elevation  
NR—No record  
R—Rock interval

DRILL-HOLE DATA SYMBOLS

Te—Terret  
L—Local  
Bu—Burley

COAL BED SYMBOLS AND NAMES

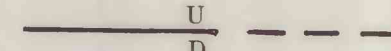
2.9 C 1.40  
0.7 R 7.0  
L 1.80

TRACE OF COAL BED OUTCROP—Dashed where approxi-  
mately located; short dashed where inferred. Showing  
thickness of coal, or coal-rock intervals, in feet, measured  
at triangle. Where a thickness fraction is shown, it in-  
dicates the net coal thickness (upper number) and net  
partings thickness (lower number). Arrow points toward  
the name of the coal bed as listed above. Letters designate  
the name of the coal bed as listed above. Trace of coal outcrop has been modified  
from Pierce (1936, pl. 11) to fit modern topographic map.

4°  
STRIKE AND DIP OF BEDS



BURNED AND CLINKERED COAL BED—Showing area of  
baked and fused rock (v symbol). Dotted line indicates the  
inferred limit of burning.



FAULT—Dashed where approximately located. U, upthrown  
side; D, downthrown side.

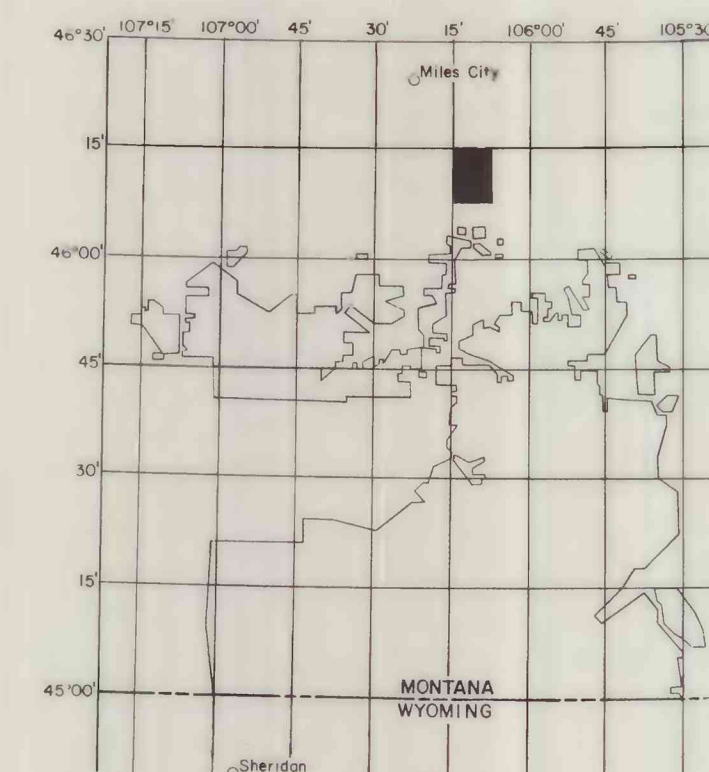


COAL MINE—Showing thickness of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

REFERENCE FOR NONINDEXED DATA POINTS

Pierce, W. G., 1936, The Rosebud coal field, Rosebud and  
Custer Counties, Montana: U.S. Geol. Survey Bull. 847-B,  
p. 43-120.



INDEX MAP—Showing location of the Miller Creek NW  
quadrangle and the Northern Powder River Basin Known  
Recoverable Coal Resource Area (stippled), Montana.

COAL RESOURCE OCCURRENCE MAP OF THE MILLER CREEK NW  
QUADRANGLE, ROSEBUD AND CUSTER COUNTIES, MONTANA

BY  
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE  
1978